



# INSTALL GUIDE

## 2011 TOYOTA SIENNA PTS AUTOMATIC



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### DOCUMENT NUMBER

A45CFA5

### REVISION DATE

20210923\_145000

### FIRMWARE

RSA-TL2

### HARDWARE

CMHCXA0

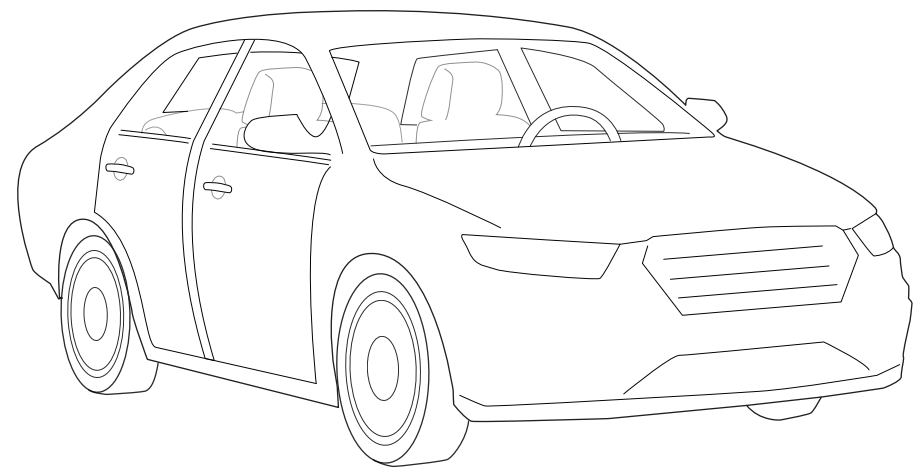
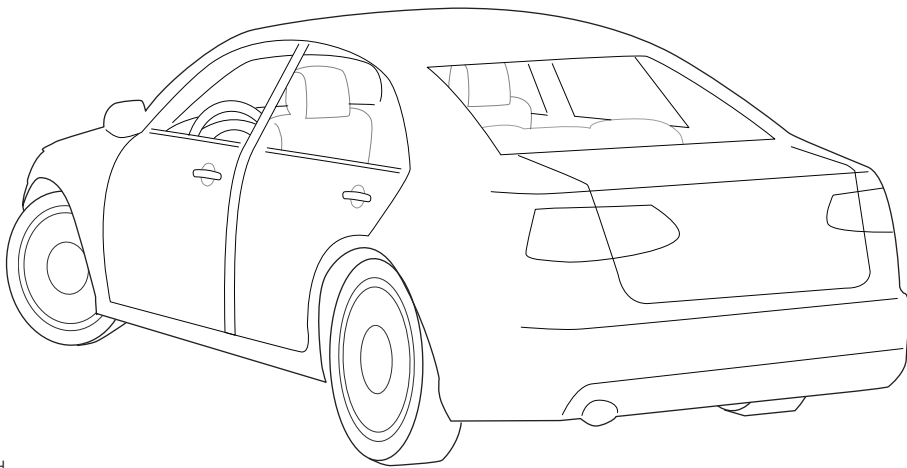
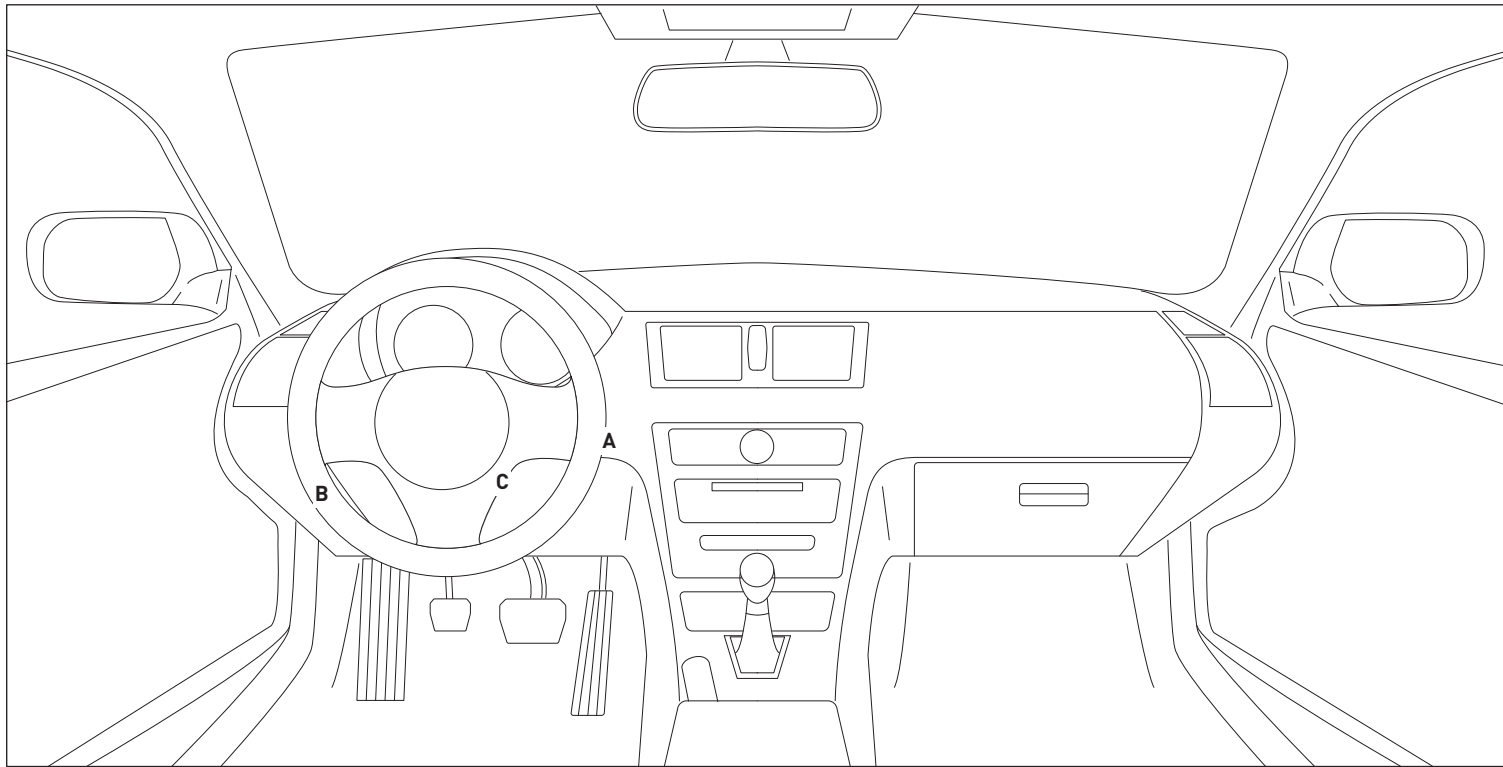
### ACCESSORIES

ATTENTION: TO COMPLETE THIS INSTALLATION SOME ACCESSORIES MAY BE REQUIRED. VISIT OUR WEBSITE TO SEE ALL THE REQUIRED ACCESSORIES FOR YOUR VEHICLE.

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### TERMS OF USE

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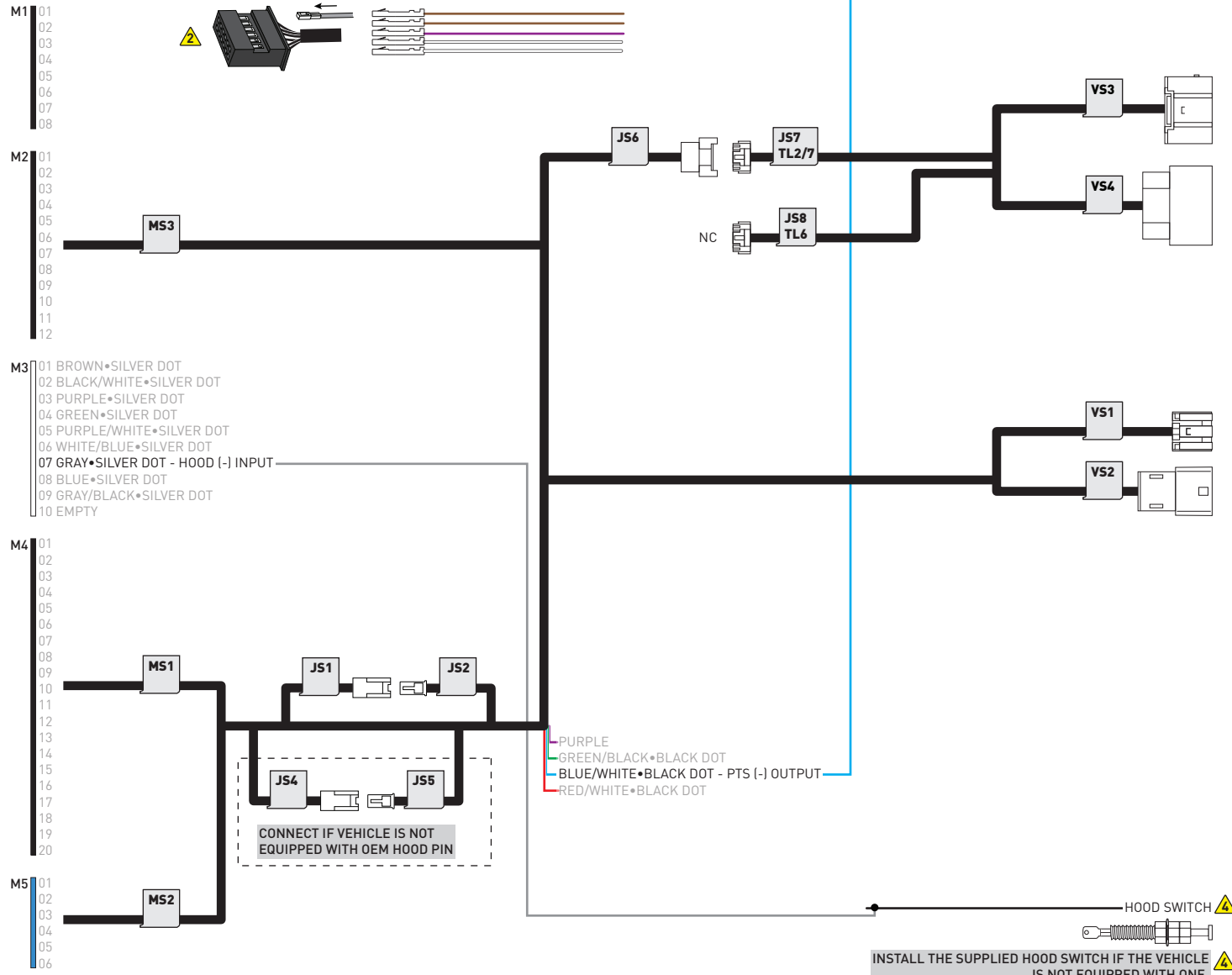


**⚠ CUT LOOP FOR AUTOMATIC TRANSMISSION ONLY**

**⚠ SOME PARTS OF THE T-HARNESS (JS3, JS4 AND JS8-TL6) ARE NOT USED IN THIS INSTALL DO NOT CONNECT THEM.**

**⚠ NOT REQUIRED FOR BASIC INSTALLATION. INSERT WIRE TERMINALS IN MS3 CONNECTOR FOR OPTIONAL OUTPUTS. REFER TO PRODUCT GUIDE FOR MORE INFORMATION.**

**⚠**



PTS SWITCH (A)

MAIN BODY ECU, DRIVER SIDE DASH (B)

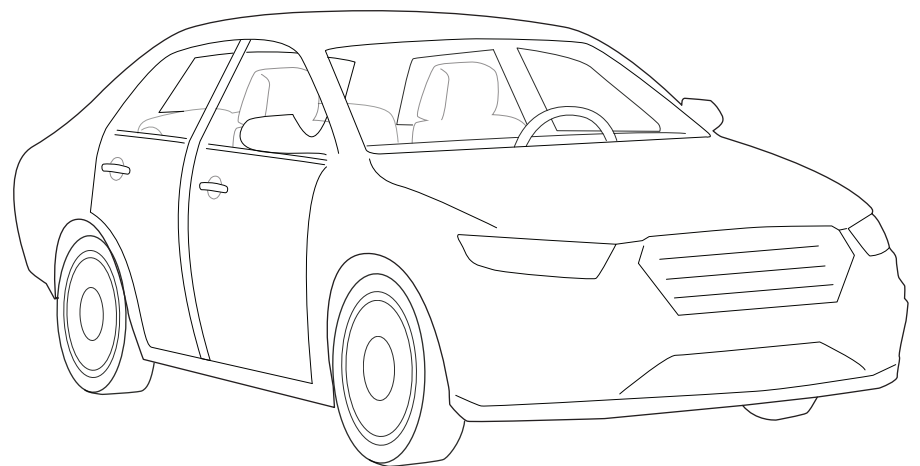
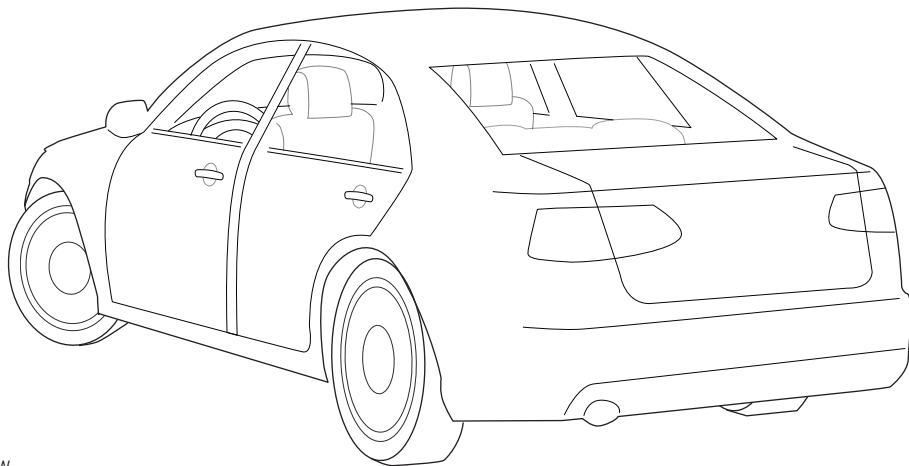
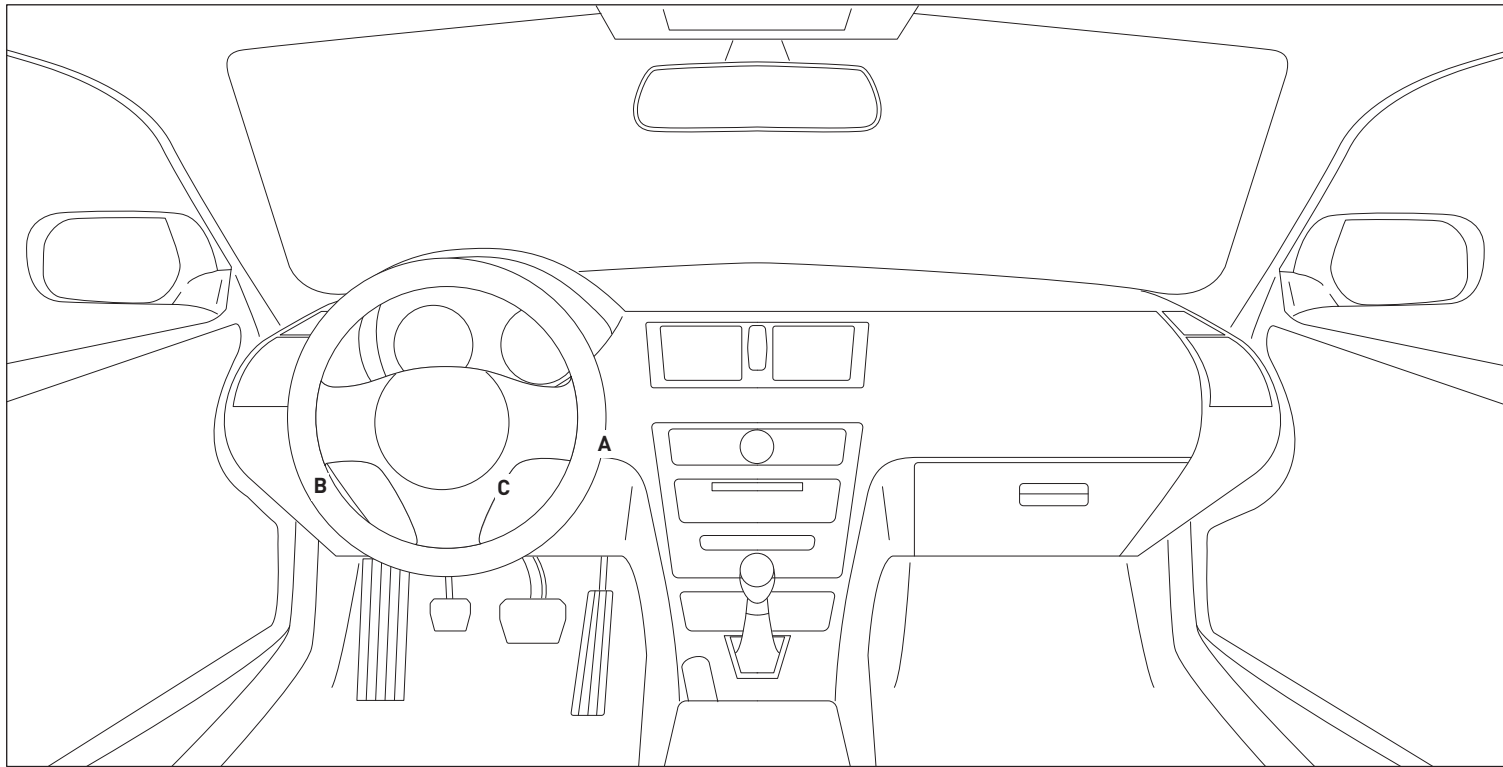
1: BODY ECU

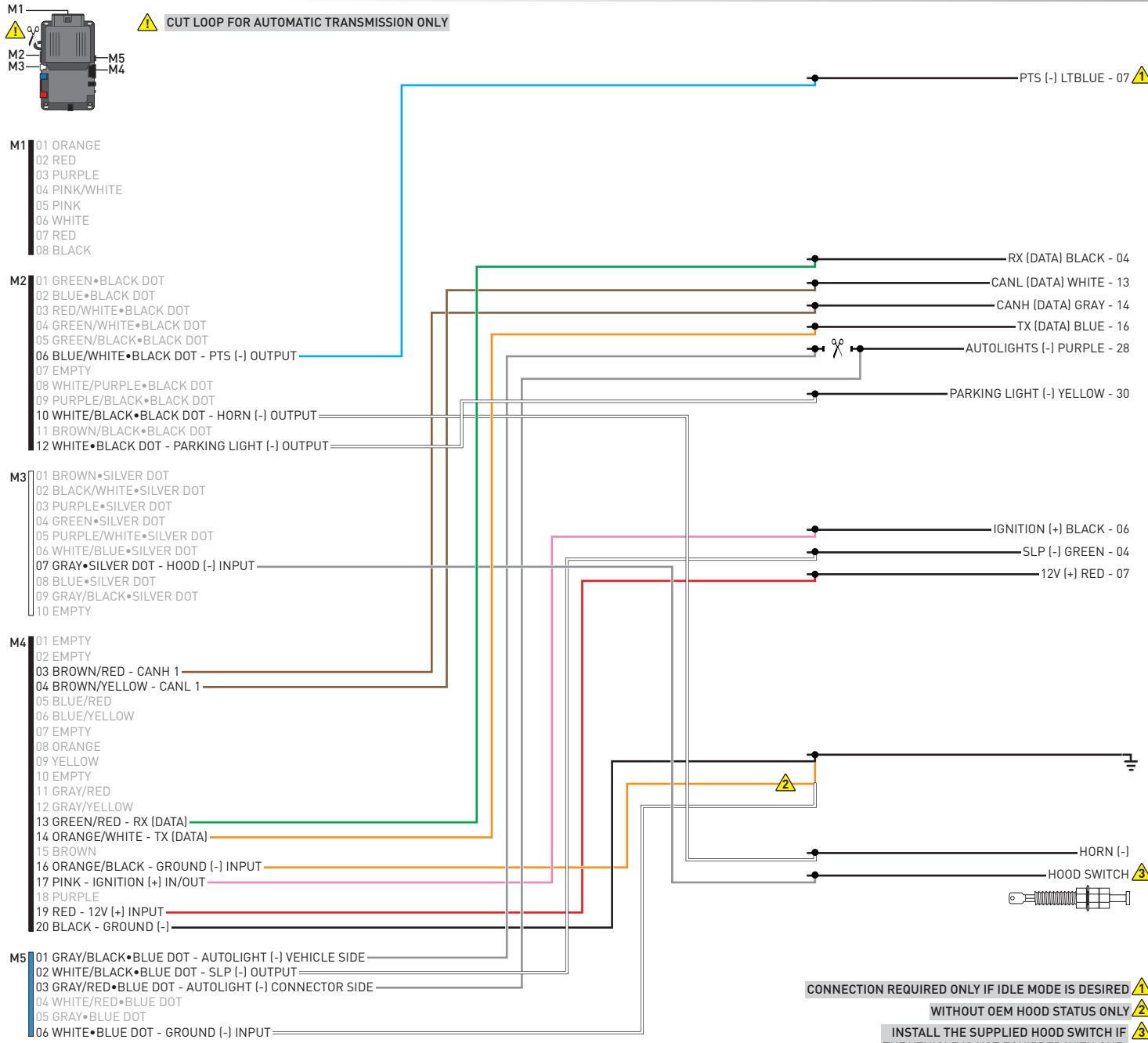
1: BODY ECU HARNESS

STEERING LOCK (C)

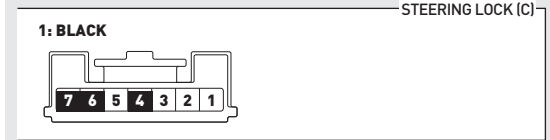
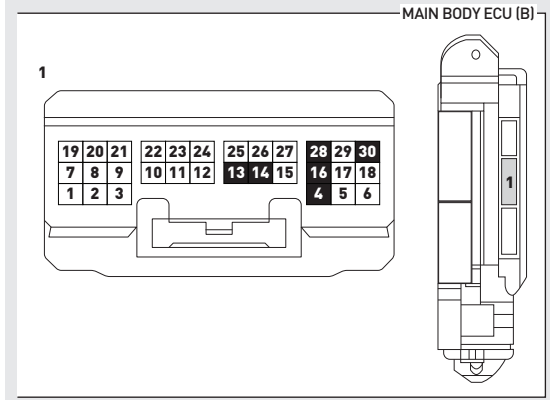
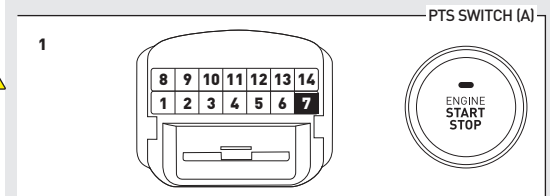
1: STEERING LOCK

1: STEERING LOCK HARNESS





**⚠ CUT LOOP FOR AUTOMATIC TRANSMISSION ONLY**



**⚠ CONNECTION REQUIRED ONLY IF IDLE MODE IS DESIRED**

**⚠ WITHOUT OEM HOOD STATUS ONLY**

**⚠ INSTALL THE SUPPLIED HOOD SWITCH IF THE VEHICLE IS NOT EQUIPPED WITH ONE.**

**⚠ IMPORTANT:**

**1- NO TAKEOVER AVAILABLE. UPON OPENING VEHICLE DOOR ENGINE WILL SHUTDOWN.  
2- ALL DOORS MUST BE CLOSED TO REMOTE START VEHICLE.**

>> Between each step, LED 1 will turn solid RED, this is the default standby mode.



01 Push start button twice [2x] to ON position.



02 Wait, LED 1 will turn solid GREEN then will turn OFF.



03 Push start button once [1x] to OFF position.



04 START vehicle for 15 seconds.



05 Press and hold the brake pedal.



06 Press and release the module's programming button.



07 Release the brake pedal.



08 Wait, LED 2 will flash GREEN.



09 Module Programming Procedure completed.



**CHECKLIST - WITH AFTERMARKET KEYFOB**

1	WARNING: Vehicle engine will start many times. Test in a well ventilated area.	9	Press the START/STOP button once [1x] on the aftermarket keyfob to shut down vehicle.
2	Close all vehicle doors, hood and trunk.		<b>Question 7:</b> Does the vehicle shut down?
3	Press the LOCK button once [1x] on the aftermarket keyfob.	<input type="checkbox"/>	YES: Go to next step.
	<b>Question 1:</b> Do the doors lock?	<input type="checkbox"/>	NO: Repeat step. If problem persists, press the brake pedal once [1x] to shut down the vehicle and call technical support.
<input type="checkbox"/>	YES: Go to next step.	10	RAP and auto light shutdown test
<input type="checkbox"/>	NO: Verify the remote programming, the RF connections and the wired door lock/unlock connections as illustrated in the wiring diagram, if applicable. Repeat the test and call technical support, if the problem persists.		<b>Question 8:</b> Did the radio, interior controls and headlights turn off within 60 seconds after remote start shutdown?
4	Press the UNLOCK button once [1x] on the aftermarket keyfob.	<input type="checkbox"/>	YES: Go to next step.
	<b>Question 2:</b> Do the doors unlock?	<input type="checkbox"/>	NO: Verify the RAP SHUTDOWN connections as illustrated in the wiring diagram. Repeat the test and call technical support if the problem persists.
<input type="checkbox"/>	YES: Go to next step.	11	Open hood.
<input type="checkbox"/>	NO: Verify the remote programming, the RF connections and the wired door lock/unlock connections as illustrated in the wiring diagram, if applicable. Repeat the test and call technical support, if the problem persists.	12	If not already installed, affix the mandatory orange warning sticker under the hood and proceed to next step.
5	Press the TRUNK release button once [1x] on the aftermarket keyfob if supported.	13	Press the START/STOP button once [1x] on the aftermarket keyfob to remote start vehicle.
	<b>Question 3:</b> Does the trunk or hatch open/unlock?		<b>Question 9:</b> Does the vehicle remote start?
<input type="checkbox"/>	YES: Close trunk or hatch and go to next step.	<input type="checkbox"/>	YES: The vehicle is not equipped with a factory hood pin. Install a mandatory aftermarket hood switch, then repeat the test.
<input type="checkbox"/>	NO: Verify the remote programming, the RF connections and the wired trunk/hatch connections as illustrated in the wiring diagram, if applicable. Repeat the test and call technical support, if the problem persists.	<input type="checkbox"/>	NO: Go to next step.
6	Press the AUX 1 button once [1x] on the aftermarket keyfob if supported.	14	Close hood.
	<b>Question 4:</b> Does the driver side sliding door open?	15	Enter vehicle and close the doors.
<input type="checkbox"/>	YES: Press the AUX 1 button once [1x] to close the driver sliding door and go to next step.	16	Press the START/STOP button once [1x] on the aftermarket keyfob to remote start vehicle.
<input type="checkbox"/>	NO: Verify the remote programming and the RF connections. Repeat the test and call technical support, if the problem persists.	17	Wait for the vehicle to start.
7	Press the AUX 2 button once [1x] on the aftermarket keyfob if supported.	18	Press brake pedal.
	<b>Question 5:</b> Does the passenger side sliding door open?		<b>Question 10:</b> Does the vehicle shut down?
<input type="checkbox"/>	YES: Press the AUX 2 button once [1x] to close the passenger sliding door and go to next step.	<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: Verify the remote programming and the RF connections. Repeat the test and call technical support, if the problem persists.	<input type="checkbox"/>	NO: The module does NOT detect the brake pedal signal. Press the START/STOP button once [1x] on the aftermarket keyfob to shut down vehicle, check connection as illustrated in the wiring diagram, if applicable, and call technical support.
8	Press the START/STOP button once [1x] on the aftermarket keyfob to remote start vehicle.	19	Exit vehicle.
	<b>Question 6:</b> Does the vehicle remote start?	20	Installation checklist completed.
<input type="checkbox"/>	YES: Go to next step.		
<input type="checkbox"/>	NO: Verify the remote programming, the RF connections and check the remote start error codes. Repeat the test and call technical support, if the problem persists.		

**CHECKLIST - WITH OEM KEYFOB**

1	WARNING: Vehicle engine will start many times. Test in a well ventilated area.
2	Close all vehicle doors, hood and trunk.
3	Press LOCK button three times [3x] rapidly on the OEM keyfob to remote start vehicle.
	<b>Question 1:</b> Does the vehicle remote start?
<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: The module doesn't detect OEM remote lock button from the vehicle communication network. Check all connections, repeat the test and call technical support, if the problem persists.
4	Press LOCK button three times [3x] rapidly on the OEM keyfob to shut down vehicle.
	<b>Question 2:</b> Does the vehicle shut down?
<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: Repeat step. If the problem persists, press on the brake pedal once [1x] to shut down the vehicle and call technical support.
5	RAP Shutdown test
	<b>Question 3:</b> Did the radio, interior controls, and headlights turn off within 60 seconds after remote start shutdown?
<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: Verify the RAP SHUTDOWN connections as illustrated in the wiring diagram. Repeat the test and call technical support, if the problem persists.
6	Open hood.
7	If not already installed, affix the mandatory orange warning sticker under the hood and proceed to next step.
8	Press LOCK button three times [3x] rapidly on the OEM keyfob to remote start vehicle.
	<b>Question 4:</b> Does the vehicle remote start?
<input type="checkbox"/>	YES: The vehicle is not equipped with a factory hood pin. Install a mandatory aftermarket hood switch, then repeat the test.
<input type="checkbox"/>	NO: Go to next step.
9	Close hood.
10	Enter vehicle and close the doors.
11	Press LOCK button three times [3x] rapidly on the OEM keyfob to remote start vehicle.
12	Wait for the vehicle to start.
13	Press brake pedal.
	<b>Question 5:</b> Does the vehicle shut down?
<input type="checkbox"/>	YES: Go to next step.
<input type="checkbox"/>	NO: The module does NOT detect the brake pedal signal. Press LOCK button three times [3x] rapidly on the OEM keyfob to shut down, check the brake connection as illustrated in the wiring diagram, if applicable, and call technical support.
14	Exit vehicle.
15	Installation checklist completed.